User's Guide

Twin Motion 16'''
Programming C

Calibre:
TM-36-03-12*.9.6-Y0

Functions:

- GMT
- Chronograph
- Perpetual calendar

Release: 1.0

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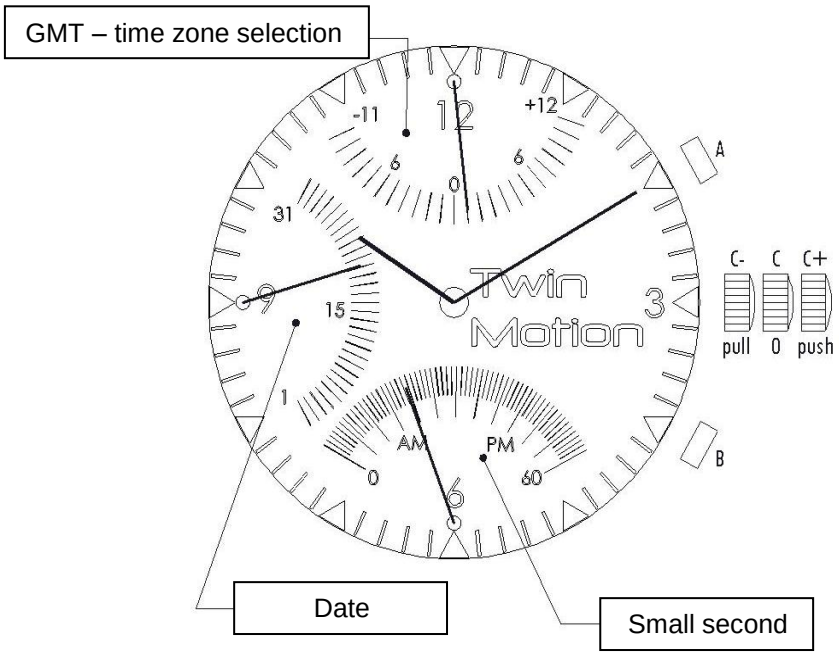
1. Description



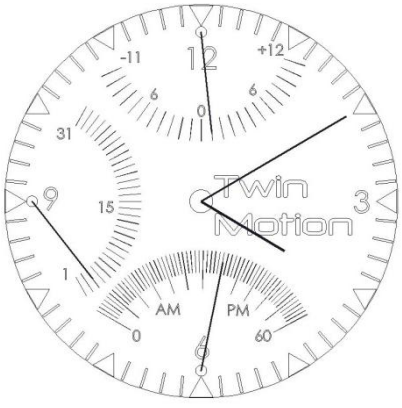
2. Functions

The hour, GMT and chronograph functions are divided in three display modes.
The transition from one mode to another is done by pressing the crown C.

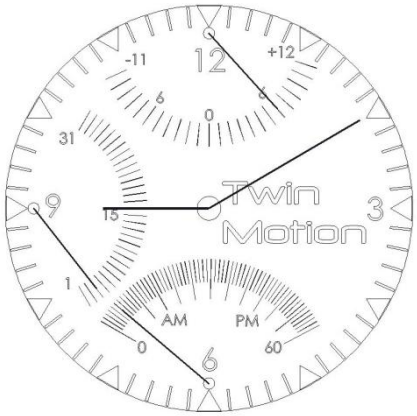
2.1 Mode I: Display of the hour, date and time zone

- The time is read in the traditional way
- The hour uses a 12H format
- The counter's hand at 9H shows the date from 1 to 31
- The counter's hand at 6H shows the seconds of the running minute
- The counter's hand at 12H shows the time zone

2.1.1 Examples of reading

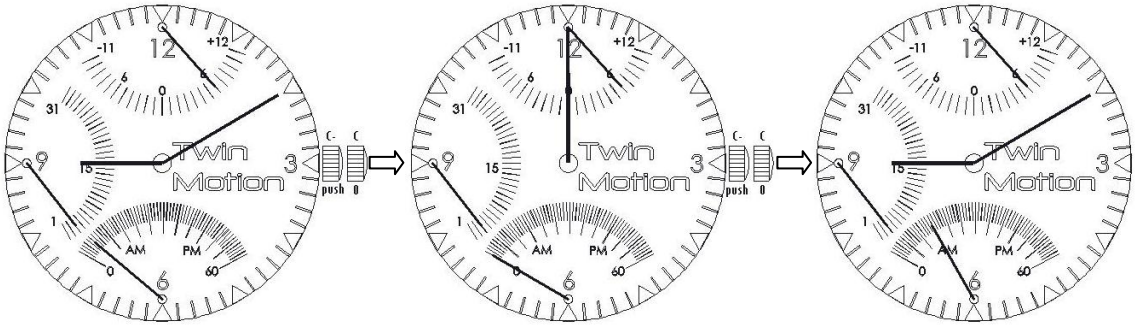


4:10'35"
Date: 3
GMT+1



9:10'05"
Date: 3
GMT +6

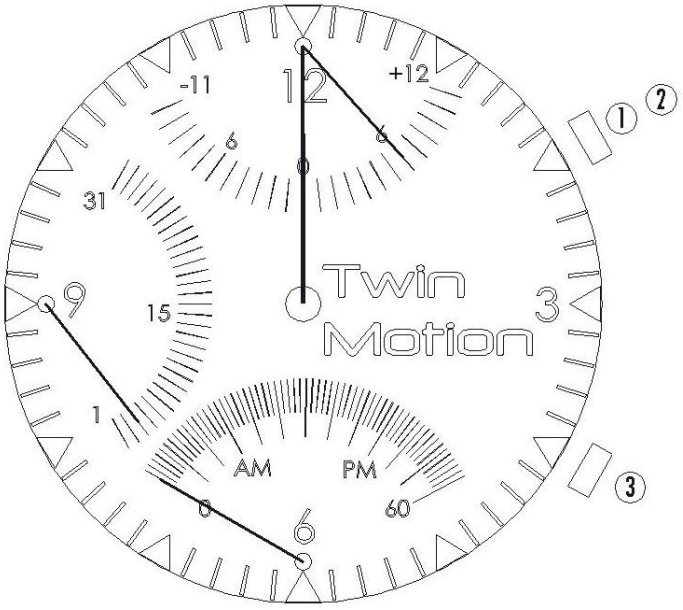
2.2 Mode change



Mode I Mode II Mode III

2.3 Mode II: Display chronograph

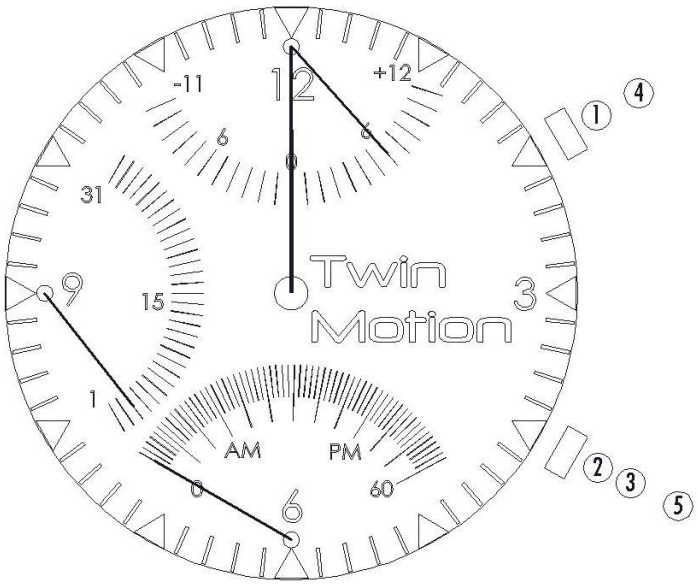
2.3.1 Simple timing



1: start
2: stop
3: reset

- The hour, minute and second go to zero
- The counters at 9H and 12H don't have any particular function in this mode
- In this mode a pressure on C select the mode I without stopping the timing. The push buttons remain active.

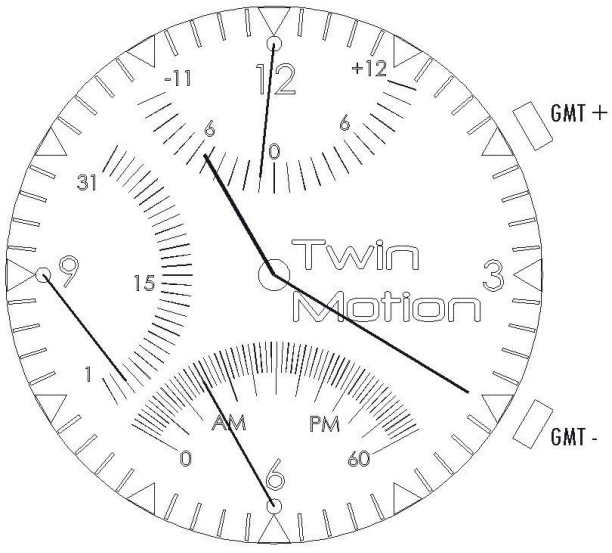
2.3.2 Intermediate times

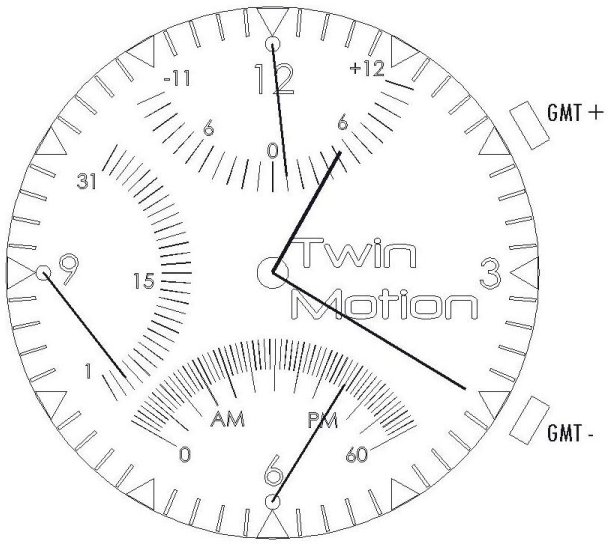


1: start
2: Intermediate stop
3: restart
4: stop
5: reset

- During the timing a pressure on B (2) stops the timer and shows the intermediate time.
- A second pressure on B (3) restarts the timer and the hands catch up their positions.
- The stop and reset are done as previously

2.4 Mode III: Display GMT



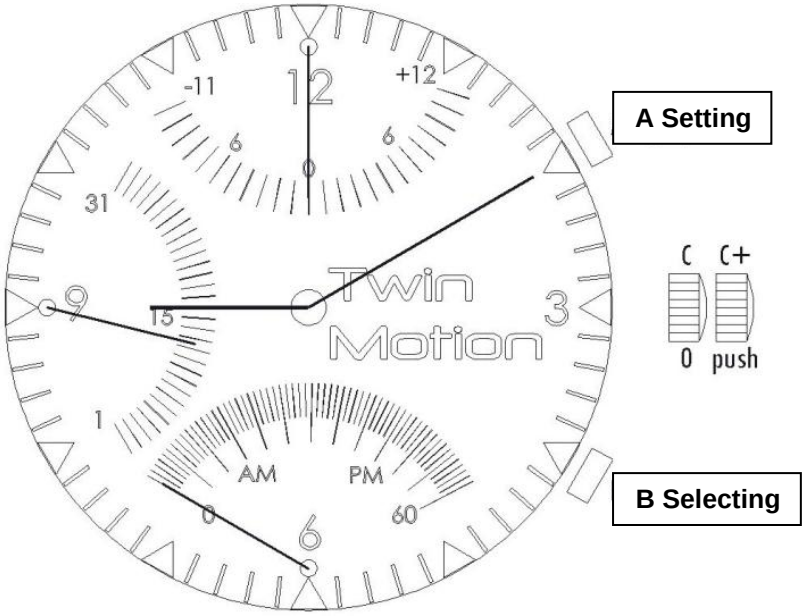


- The push buttons increase or decrease the time zone according to the GMT time
- The hour's hand moves automatically on the corresponding hour
- The counter at 6H shows the AM/PM time
- Once the time zone chosen, a pressure on C validates the time and the watch comes back to the mode I.

- Without validation of the user, the watch comes automatically back to the previous time zone after 10 seconds of push buttons inactivity.

3. Setting time

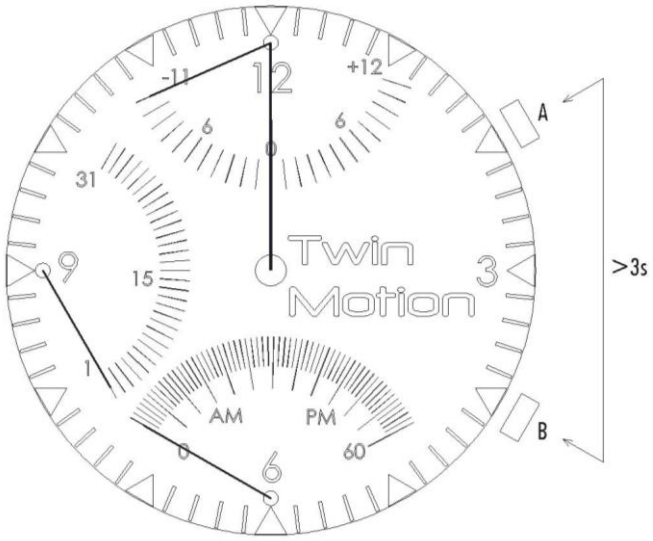
The setting time is done electronically and made by pulling the crown. The rotation of the crown has no impact.



- The counter at 9H shows the second
- The counter at 6H shows the current setting as follows:
  - -0: second
  - -10: minute
  - -20: hour
  - -30: date (1 to 31)
  - -45: month (1 to 12)
  - -55: year (1 to 4)
- Pressing A the second's hand is reset to zero
- 1st pressure on B: setting the minute by pressing A
- 2nd pressure on B: setting the hour by pressing A
- 3rd pressure on B: setting the date
- 4th pressure on B: setting the month
- 5th pressure on B: setting the cycle of years, from 1 to 4, 4 is a leap year
- To exit the mode of setting time the crown must be pressed in order to let it come back to the neutral position.

4. Hands indexing

In case of step loss following a shock or after changing the battery, it may be necessary to re-position the hands.



- Press A and B simultaneously during a period longer than 3s
- The hands must reach their zero position (see above)
- Pressing B allows the selection of the hand to be re-indexed
- Pressing A increments the hand's position of one step, while a continuous pressure reverses the direction of rotation.
- The indexing order is has following: hour → minute → counter 12H → counter 9H → counter 6H.
- A pressure on the crown let come back to the normal mode